

Increase of efficiency of heat sources work due to application of condensation economizers on an example of a boiler PTVM-180

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Abstract

© Published under licence by IOP Publishing Ltd. In this article, a method is considered to increase the efficiency of boiler room operation with PTVM-180 boilers by the use of a flue gas flue in a condensing economizer. The efficiency evaluation of the utilization of the heat exchanger in accordance with the operating mode of the boiler house was evaluated, and the technical and economic parameters of the project were assessed, depending on the unplanned changes in such key factors as capital costs, operating time, operating mode.

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